5/47

DART AEROSPACE LTD	Work Order:	24620
Description: Stop	Part Number:	D2805-2
<b>Dwg:</b> D2805 rev. <b>KB</b>	Qty:	20

Puso6.21

Step	Location	Procedure	Ву	Date	qty
1	EXPEDITING	Issue W/O	25	05.10.21	20
2	METAL	Cut blanks: 3.150" long -0.010" +0.030" Material: 6061-T6 (QQ-A-200/8) or (QQ-A-250/11) 1.5" x 1.5" bar Batch: প্রেপ্	136	05.10.06	یح
3	HAAS	Machine as per folio FA104	<b>B</b> 6	05.10.06	70
4	QC	Inspect Level 2	BG	05.10.06	70
5	QC	Inspect Level 8	20	03.11.06	20
6	METAL	Tumble & Deburr	36-	c5.11.06	70
7	QC	Inspect Level 5	36	05.11.06	70
8	FINISHING	Acid etch and Alodine per QSI 005	10	05/11/15	20
9	STORES	Identify and stock . 2sc. 379	10	05/11/16	20
10	EXPEDITING	Close W/O Cost / part: 12,22 54- 05/11/21 (20)	0	05/1/2	120

			10.10		T .
	Rev	Date	Change	Revised By	Approved
-				EC	
١	Α	00.11.06	New Issue	LO	
}			D in I Finishing stop to Acid otoh and Aladina	FC	
	В	00.11.14	Revised Finishing step to Acid etch and Alodine	1	

RELEASED

# **Dart Aerospace Ltd**

W/O:		WORK ORDER CH	ANGES				
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Mfg / Design Mgr	Approval QC Inspector

NCR:	WORK ORDER NON-CONFORMANCE (NCR)							
		Description of NC		Corrective Action Section B		Verification	Approval	Approval
DATE	STEP	Section A	Initial Design Mgr	Action Description  Design Mgr	Sign & Date	Section C	Approval Design Mgr	Approval QC Inspector
,								

Part No:	PAR #:	Fault Category:	NCR:	Yes No DQA:	Date: <u>05////2</u>
NOTE: Date & initial all entries				QA: N/C Closed:	Date:

DART AEROSPACE LTD	Work Order:	24620
Description: Stop	Part Number:	D2805-2
Inspection Dwg: D2805 Rev: B		Page 1 of 1

# FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

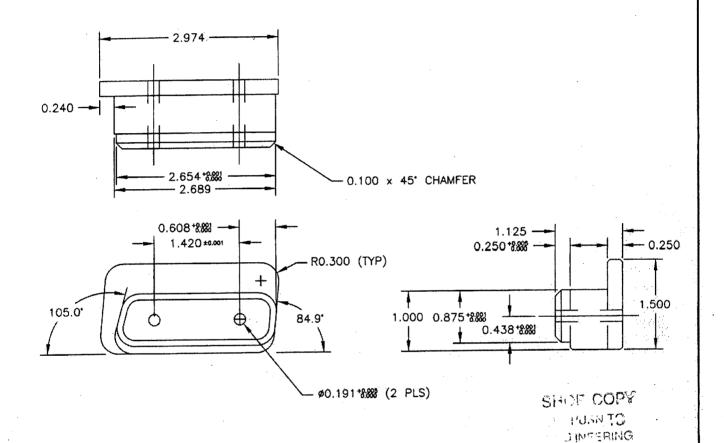
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
2.974	+/-0.010	7.483	/			
0.240	+/-0.010	.243	1			
0.100 chamfer	+/-0.010	1,100	✓ ·			
1.420	+/-0.001	1.420	-			
1.125	+/-0.010	1.124				
0.250	+0.005/-0.000	.252	<i></i>			
0.250	+/-0.010	. 250	/			
1.500	+/-0.010	1.500	~			
1.000	+/-0.010	. 998	~			
0.875	+0.001/-0.000	. 8758			1,200	
0.438	+0.001/-0.000	. 4384	_			
	:					
						·
			<i>λ</i> '			
	·			1, 4	· · · · · · · · · · · · · · · · · · ·	
					· · · · · · · · · · · · · · · · · · ·	
						: · · ·

Measured by: 36	Audited by:	20	Prototype Approval:	N/A
Date: 05.11.06	Date:	05.11.06	, Date:	N/A

Rev	Date	Change	Revised by	Approxed
Α	05.04.26	New Issue	KJ/JLM (	11.



				·	
DESIG	1	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
CHECK	(ED)	APPROVED	DRAWING NO. D2805 SHEET	REV.	2
DATE			TITLE	SCA	LE
01.0	3.13		STOP	. :	2:3
Α		00.10.31	NEW ISSUE		
В		01.03.13	ADD -3/-4		



D2805-1 (SHOWN) D2805-2 (OPPOSITE)

. THOUT NOTICE WORK ORDER

IF LED COPY JT T' A. ENDMENT

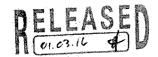
BREAK ALL OUTSIDE EDGES 0.030 TO 0.060 UNLESS OTHERWISE NOTED. BREAK ALL INSIDE EDGES 0.005 TO 0.015 UNLESS OTHERWISE NOTED. MATERIAL: 6061-T6 (QQ-A-200/8) OR (QQ-A-250/11) FINISH: CHÉMICAL CONVERSON COAT PER DART QSI 005 4.1 TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

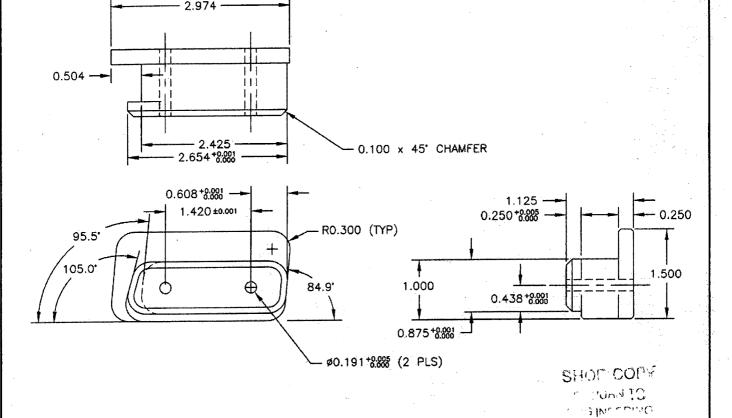
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DESIGN	DRAWN BY	DART AERO HAWKESBURY,	OSPACE LTD ONTARIO, CANADA
CHECKED	APPROVED	DRAWING NO.	REV. B SHEET 2 OF 2
DATE	- L.	TITLE	SCALE
01.03.13		STOP	2:3





D2805-3 (SHOWN) D2805-4 (OPPOSITE)

THE RUSH II. WORK OF THE NO 24620

DWILL IE ... COLA.

Sc. ETT ...

BREAK ALL OUTSIDE EDGES 0.030 TO 0.060 UNLESS OTHERWISE NOTED. BREAK ALL INSIDE EDGES 0.005 TO 0.015 UNLESS OTHERWISE NOTED. MATERIAL: 6061-T6 (QQ-A-200/8) OR (QQ-A-250/11) FINISH: CHEMICAL CONVERSON COAT PER DART QSI 005 4.1 TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

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#### Job Costing Report

Dart Aerospace Ltd. Hawkesbury

Oct 20, 2005 04:09 pm

Work Order No : 0024620

Project Name : D2805-2 Project For : WK547

Work Order Type : Main Main WO Number :

House Part Number: D2805-2

Description : Stop

Manufactured : Yes Amount Req'd :

20 Amount Done : 0

Start Date : 10-20-05 Est Finish Date : 11-23-05

Act Finish Date : Drawings Reqd : No

Ok for Approval :

Approval Rec'd :

Department Code:

Burden Flags : NNNNNNN

WO Status : Open

Invoice State : Not Invoiced

Invoice Date :

Invoice Number :

0.00 Invoice Amount :

Order Entry No :

OE Value : 0.00

Est Mark Up : 0.000% Actual Mark Up : 0.000%

\$0 Posted to Finished Goods

		Estimated	Actual	Var. %	Posted	To Post
Material Cost		0.00	0.00	0.00	0.00	0.00
Engineering Hours	:	0.00	0.00	0.00		
Engineering Cost	:	0.00	0.00	0.00	0.00	0.00
Production Hours	:	0.00	0.00	0.00	0.00	
Production Cost	:	0.00	0.00	0.00	0.00	0.00
Packaging Hours	:	0.00	0.00	0.00	0.00	0.00
Packaging Cost	:	0.00	0.00	0.00	0.00	0.00
OverHead Hours	:	0.00	0.00	0.00	0.00	
OverHead Cost	:	0.00	0.00	0.00	0.00	0.00
CNC Hours		0.00	0.00	0.00		0.00
CNC		0.00	0.00	0.00	0.00	0.00
Misc. Hours		0.00	0.00	0.00	0.00	0.00
Misc. Modis	:	0.00	0.00	0.00	0.00	0.00
MISC:	•		========	======	0.00	0.00
Burden		0.00	0.00	0.00		
Buruch	•	===	========	======	•	
Total Cost		0.00	0.00	0.00		
Mark up	•	0.000	0.000	3.00		
Selling Cost	•	0.00	0.00			

Actual Estimated Labour Hrs/Amount Done : 0.00 0.00 Profits/(Loss) 0.00 0.00

### Job Costing Report

Dart Aerospace Ltd. Hawkesbury

Nov 08, 2005 12:26 pm

Work Order No : 0024620 Department Code:

Project Name : D2805-2 Project For : WK547 Burden Flags : NNNNNNN WO Status : Open Work Order Type : Main

Main WO Number Invoice State : Not Invoiced

House Part Number: D2805-2 Invoice Date : Invoice Number : Description : Stop

Invoice Amount: 0.00 Manufactured : Yes

20 Amount Req'd :

Amount Done : 0 Start Date : 10-20-05 Order Entry No : OE Value : 0.00

Est Finish Date : 11-23-05

Act Finish Date Est Margin : 0.000% Drawings Reqd : No Actual Margin : 0.000% Ok for Approval :

\$0 Posted to Finished Goods Approval Rec'd :

		Estimated	Actual	Var. %	Posted	To Post
Material Cost	:	0.00	0.00	0.00	0.00	0.00
Engineering Hours	:	0.00	0.00	0.00		
Engineering Cost	:	0.00	0.00	0.00	0.00	0.00
Production Hours	:	0.00	0.00	0.00		,
Production Cost	:	0.00	0.00	0.00	0.00	0.00
Packaging Hours	:	0.00	0.00	0.00		
Packaging Cost	:	0.00	0.00	0.00	0.00	0.00
OverHead Hours	:	0.00	0.00	0.00		
OverHead Cost	:	0.00	0.00	0.00	0.00	0.00
CNC Hours	:	0.00	0.00	0.00		
CNC	:	0.00	0.00	0.00	0.00	0.00
Misc. Hours	:	0.00	0.00	0.00		
Misc.	:	0.00	0.00	0.00	0.00	0.00
		========	========	======		
Burden	:	0.00	0.00	0.00		
		=======	=======	======		
Total Cost	:	0.00	0.00	0.00		
Margin	:	0.000	0.000			
Selling Cost	:	0.00	0.00			16
					4.	8/1/
		$\mathbf{E}_{i}$	stimated	Act	cual NC	7
Labour Hrs/Amour	ıt	Done :	0.00	0	.00	<i>(. )</i>
Profits/(Loss)		:	0.00	0	.00	$\omega$
						16
						11.17
						((, ,

Date User: Monday, 14/11/2005 3:47:25 PM

Alba Panzuto

## **Process Sheet**

Customer

ž

: CU-DAR001 Dart Helicopters Services

**Drawing Name** 

: STOP

Job Number

This Issue

Prsht Rev.

First Issue

: 24620

: 10513

**Estimate Number** P.O. Number

: 14/11/2005

S.O. No. :

Part Number

: D28052

: NC

**Drawing Number** 

: D2805 REV. B

: 11

Type

: MACHINED PARTS **Drawing Revision** 

Project Number ; B

Material

**Previous Run** Written By

**Due Date** 

: 30/11/2005

Qty:

20 Um:

Each

Checked & Approved By

Comment

: Est:

Revised Finishing step to Acid etch and B 00.11.14

Alodine EC

#### **Additional Product**

Job Number:



Seq. #:

## **Machine Or Operation:**

Description:

1.0

2.0

M6061T6B1500X01500

6061-T6 Bar 1.5" x 1.5" BAND SAW





BAND SAW

Cut Bar: 3.150" Long

+0.010/-0.030"

3.0

HAAS1

HAAS CNC VERTICAL MACHINING #1







Comment: HAAS CNC VERTICAL MACHINING #1

- 1- Machine as per Folio FA104 and Dwg D2805
- 2- Tumble and Deburr Identify as D2805-2

4.0

QC2

INSPECT PARTS AS THEY COME OFF MACHINE







Comment: INSPECT PARTS AS THEY COME OFF MACHINE

5.0

QC8

SECOND CHECK







Comment: SECOND CHECK

HAND FINISHING1

HAND FINISHING RESOURCE #1





Comment: HAND FINISHING RESOURCE #1

Acid etch and Alodine as per QSI 005 4.1

Date: , \* ⊮ser:

Monday, 14/11/2005 3:47:25 PM

Alba Panzuto

**Process Sheet** 

Customer: CU-DAR001 Dart Helicopters Services

**Drawing Name: STOP** 

Job Number: 24620

Part Number: D28052

Job Number:



Seq. #:

**Machine Or Operation:** 

**Description:** 

7.0

QC3



INSPECT POWDER COAT/CHEMICAL CONVERSION

**Comment: INSPECT ALODINE** 

8.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location:\_

9.0 DC DOCUMENT CONTROL



**Comment: DOCUMENT CONTROL** 

Inspection Level 21

Job Completion

